

Appendix B: Test Results of 2.4GHz SRD

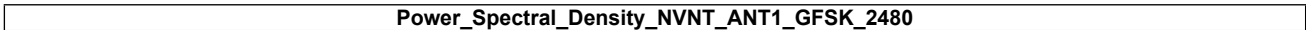
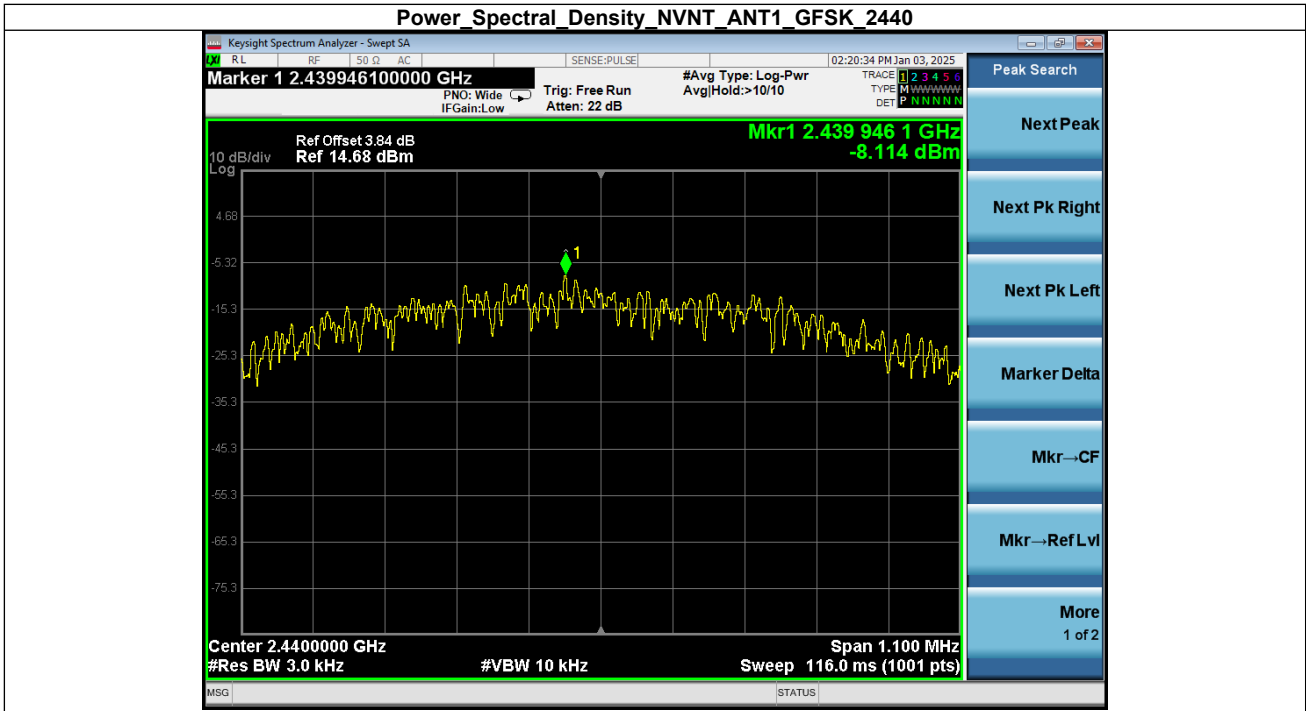
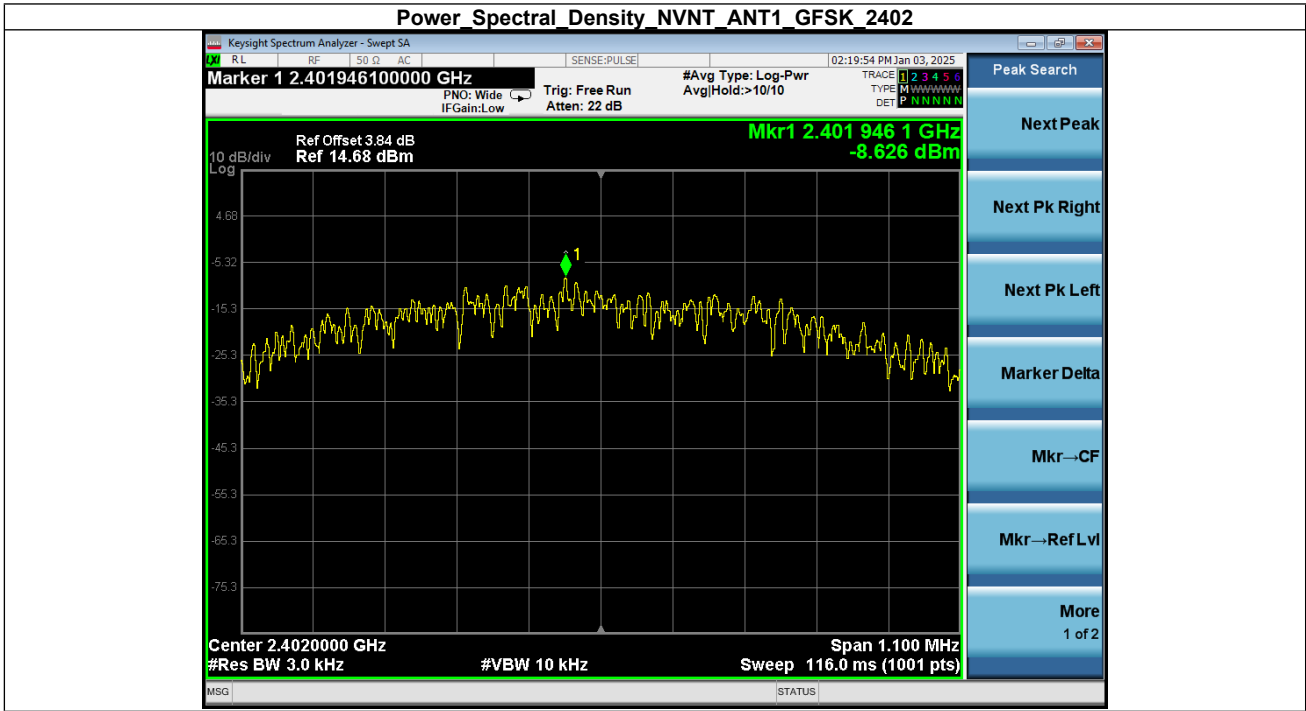
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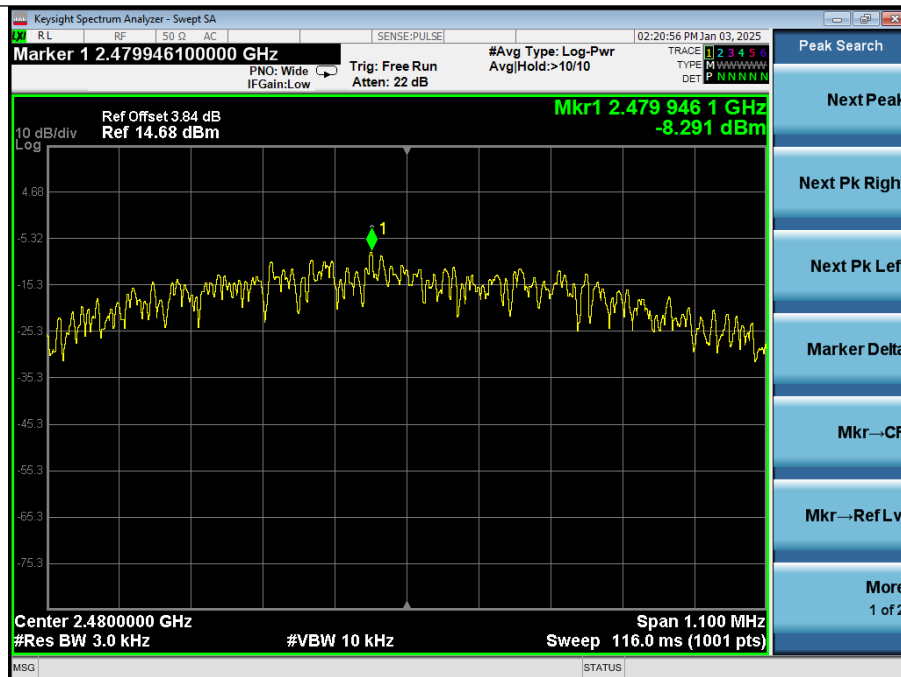
Appendix B.1: Test Results of Conducted Peak Power

Condition	Antenna	Mode	Frequency (MHz)	Max. Conducted Power(dBm)	Max. Conducted Power(mW)	Limit (mW)	Gain (dBi)	Max.EIRP (dBm)	Limit (dBm)	Result
NVNT	ANT1	GFSK	2402.00	6.06	4.04	1000	-3.00	3.06	36	Pass
NVNT	ANT1	GFSK	2440.00	5.26	3.36	1000	-3.00	2.26	36	Pass
NVNT	ANT1	GFSK	2480.00	6.90	4.90	1000	-3.00	3.90	36	Pass

Appendix B.2: Test Results of Conducted Power Spectral Density

Condition	Antenna	Mode	Frequency (MHz)	Power Spectral Density(dBm)	Limit(dBm/3kHz)	Result
NVNT	ANT1	GFSK	2402.00	-8.626	8	Pass
NVNT	ANT1	GFSK	2440.00	-8.114	8	Pass
NVNT	ANT1	GFSK	2480.00	-8.291	8	Pass

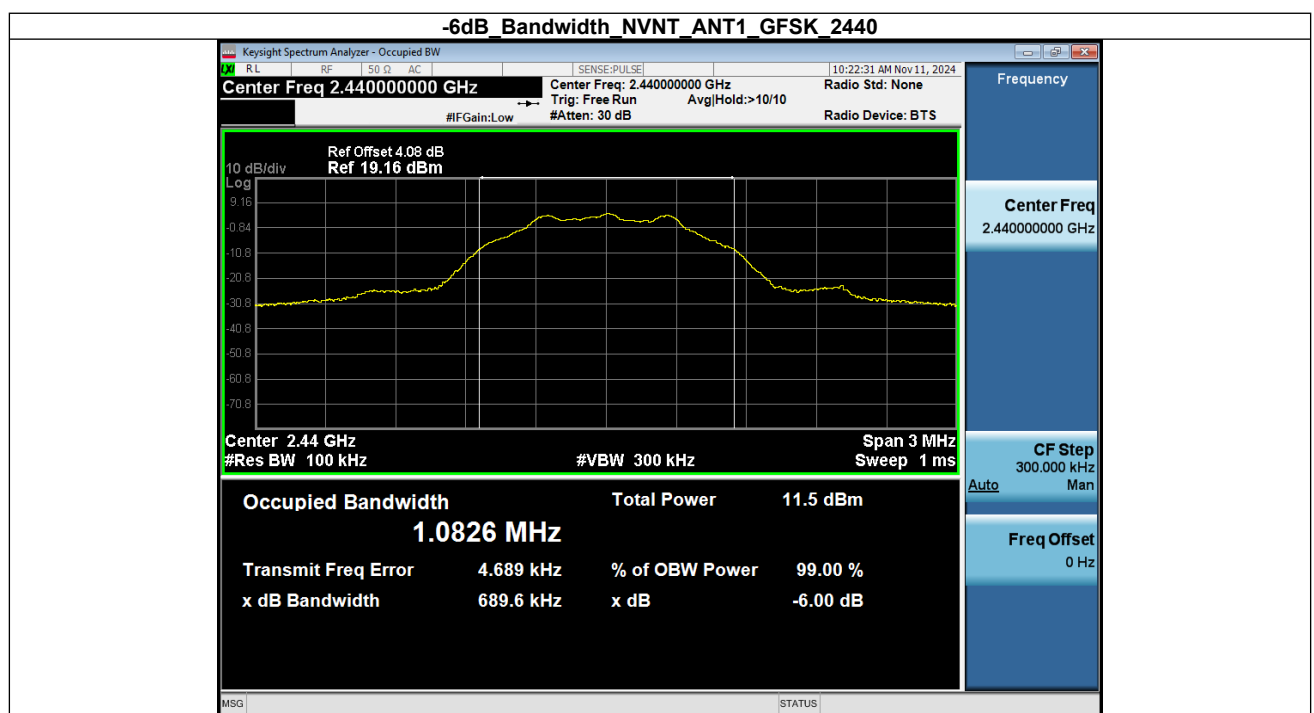
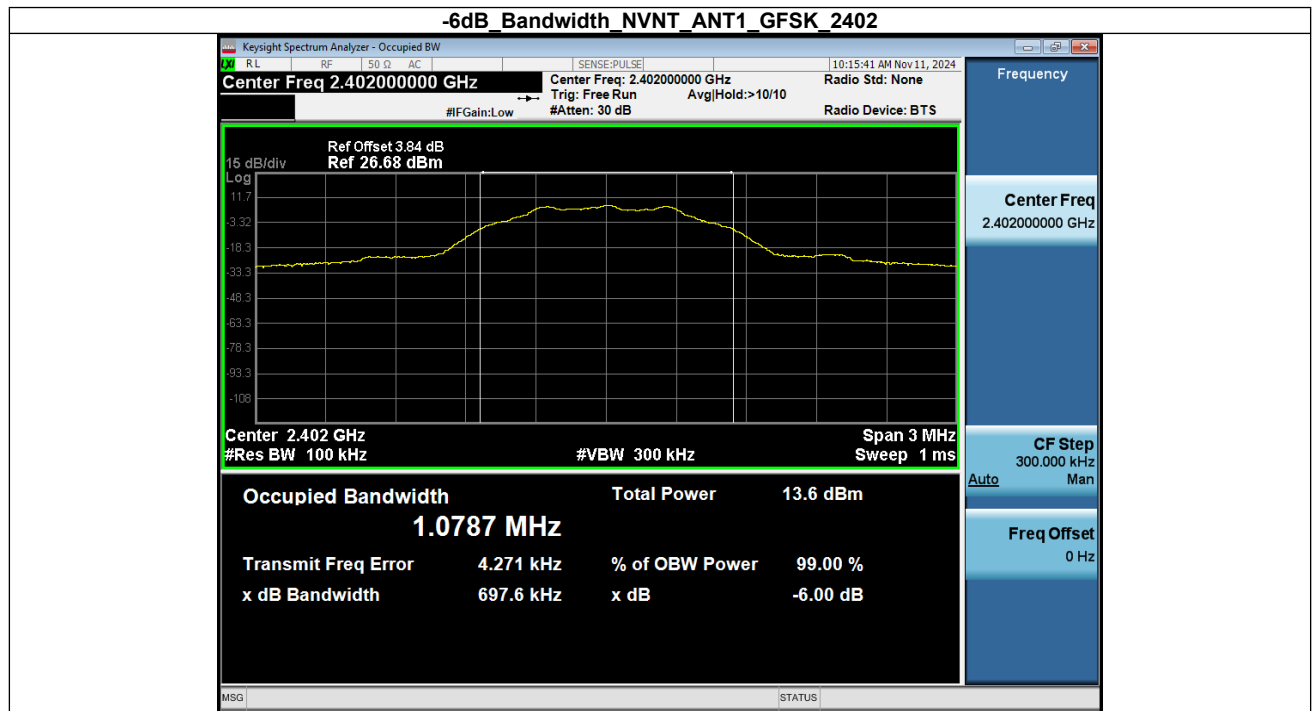


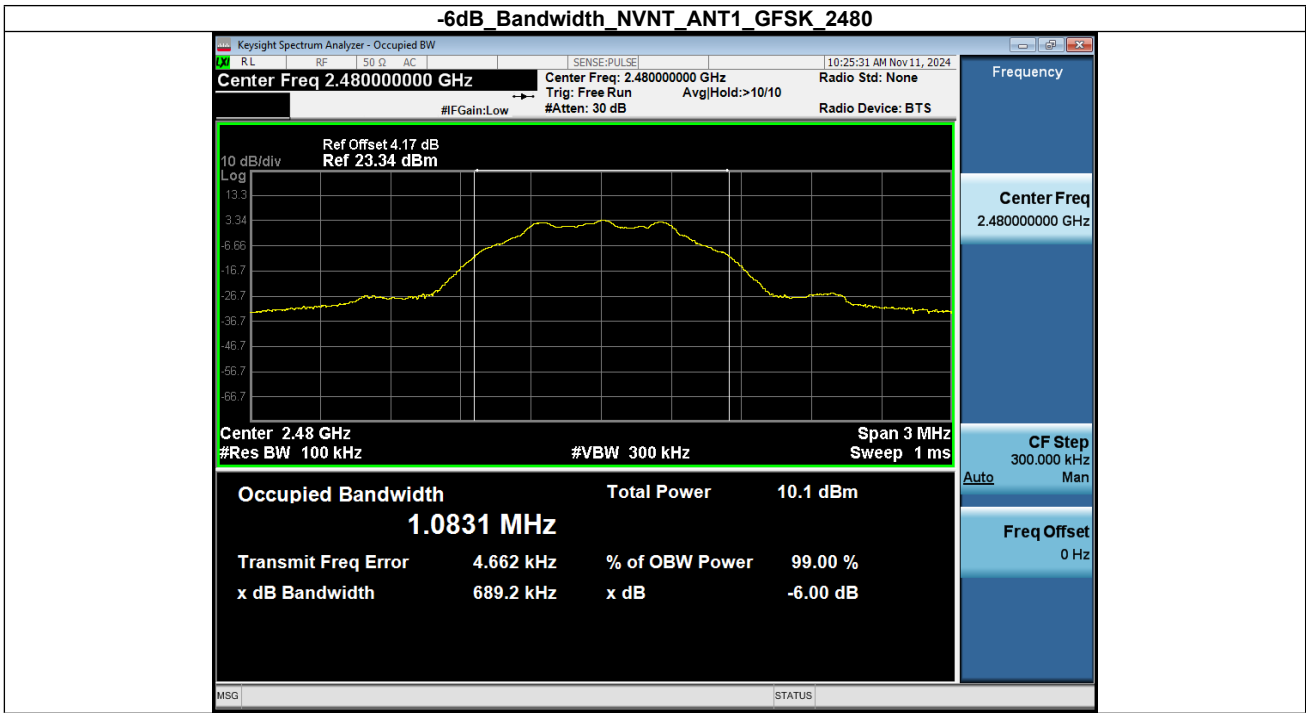


Appendix B.3: Test Results of 6dB Bandwidth

DTS Bandwidth Test Result

Condition	Antenna	Mode	Frequency (MHz)	-6dB BW(kHz)	limit(kHz)	Result
NVNT	ANT1	GFSK	2402.00	697.56	500	Pass
NVNT	ANT1	GFSK	2440.00	689.62	500	Pass
NVNT	ANT1	GFSK	2480.00	689.23	500	Pass

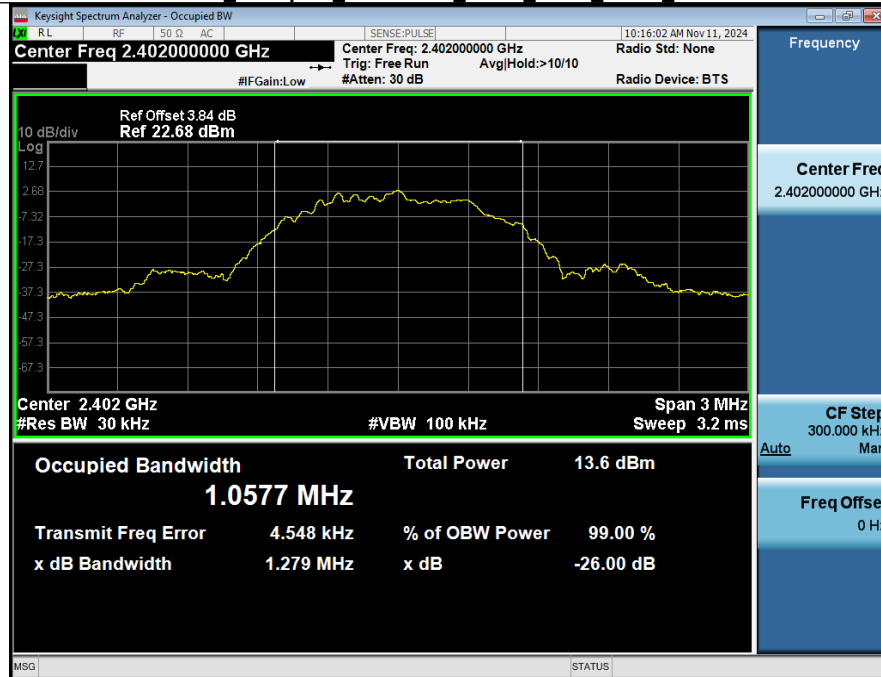




Appendix B.4: Test Results of 99% Bandwidth

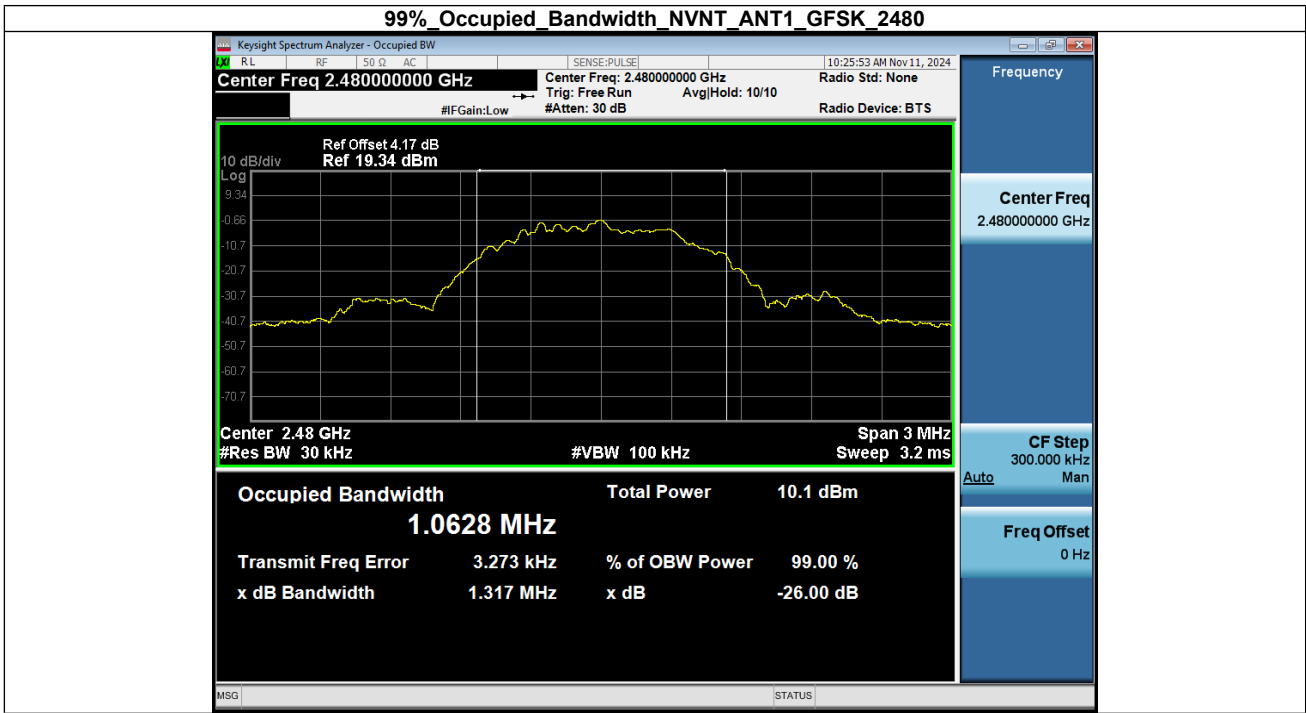
Condition	Antenna	Mode	Frequency (MHz)	99% BW (MHz)
NVNT	ANT1	GFSK	2402.00	1.058
NVNT	ANT1	GFSK	2440.00	1.060
NVNT	ANT1	GFSK	2480.00	1.063

99% Occupied Bandwidth NVNT ANT1 GFSK 2402



99% Occupied Bandwidth NVNT ANT1 GFSK 2440

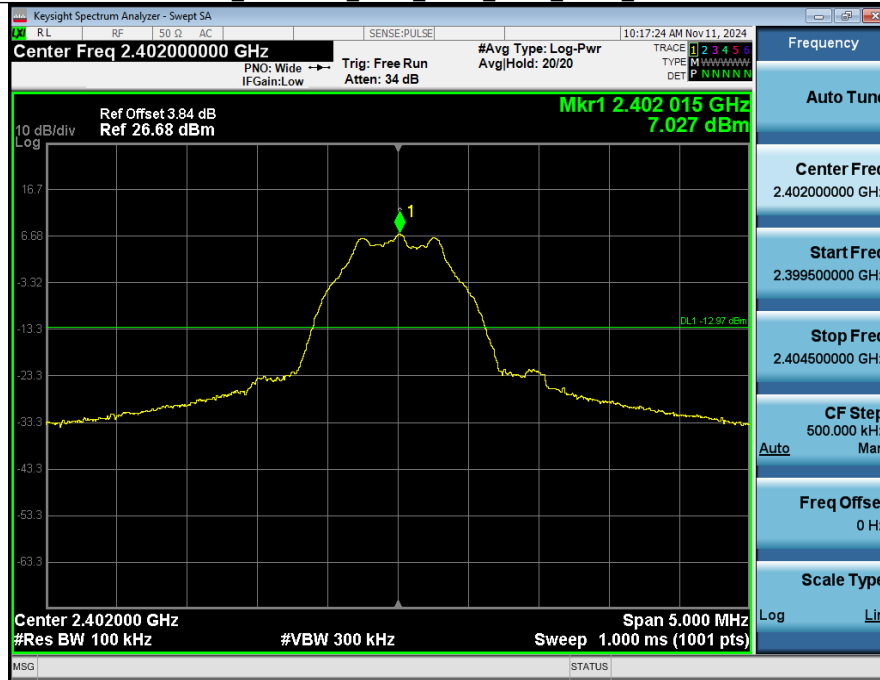




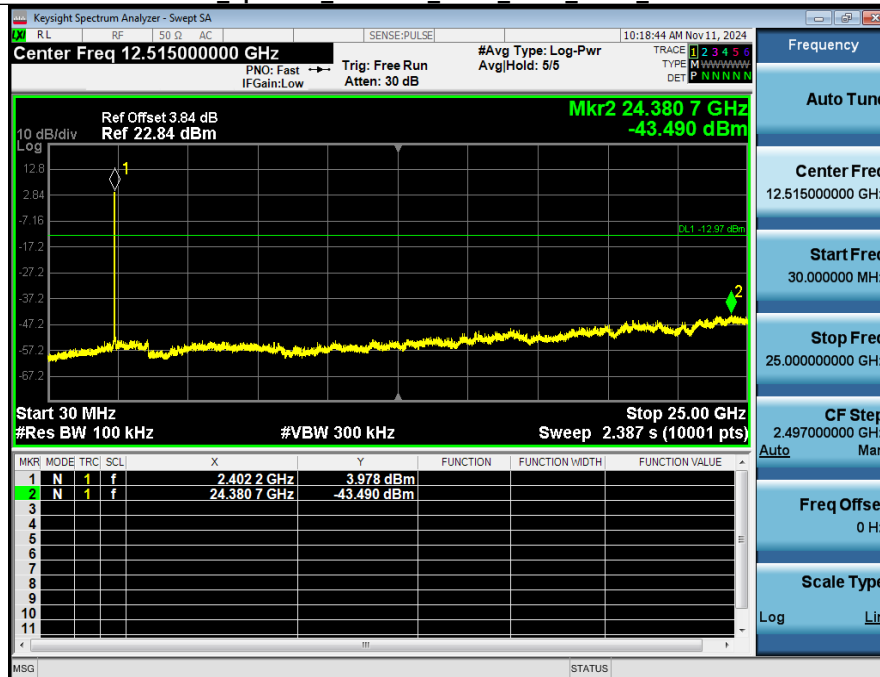
Appendix B.5: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

Condition	Antenna	Mode	TX_Frequency(MHz)	Spurious MAX.Value(dBm)	Limit	Result
NVNT	ANT1	GFSK	2402.00	-43.490	-12.973	Pass
NVNT	ANT1	GFSK	2440.00	-50.904	-15.254	Pass
NVNT	ANT1	GFSK	2480.00	-45.413	-16.530	Pass

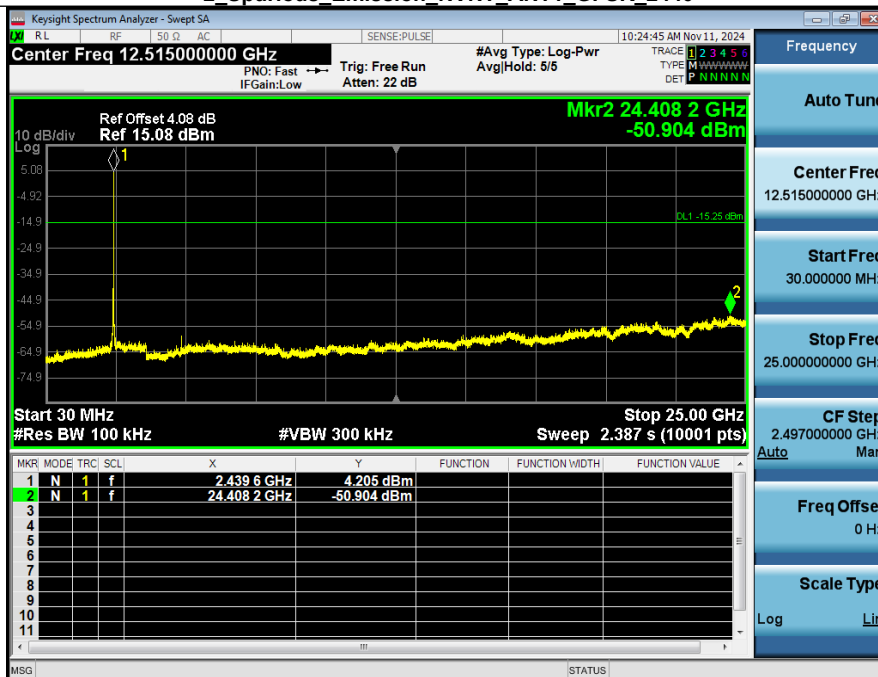
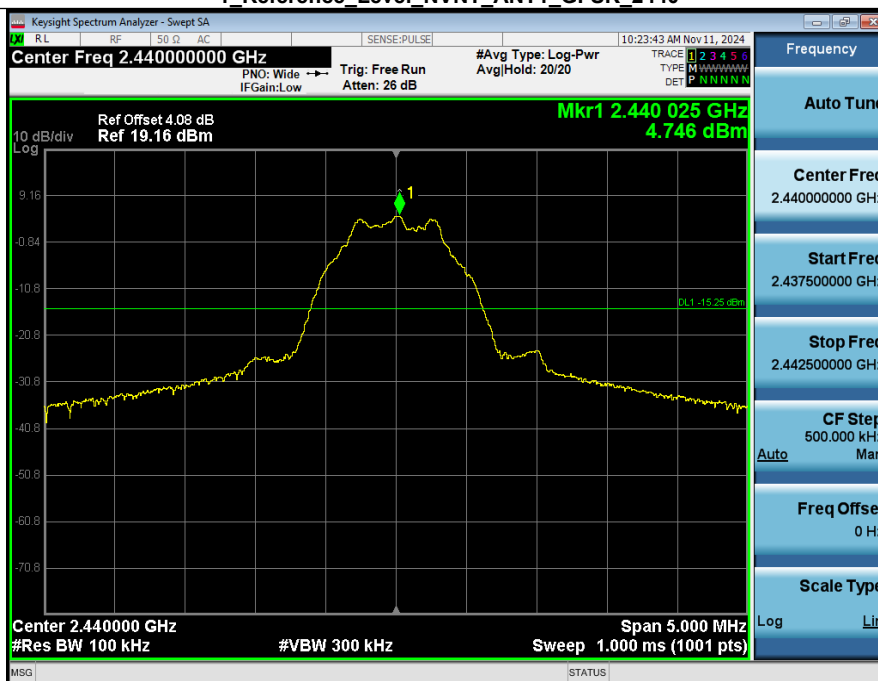
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2_Spurious_Emission_NVNT_ANT1_GFSK_2402



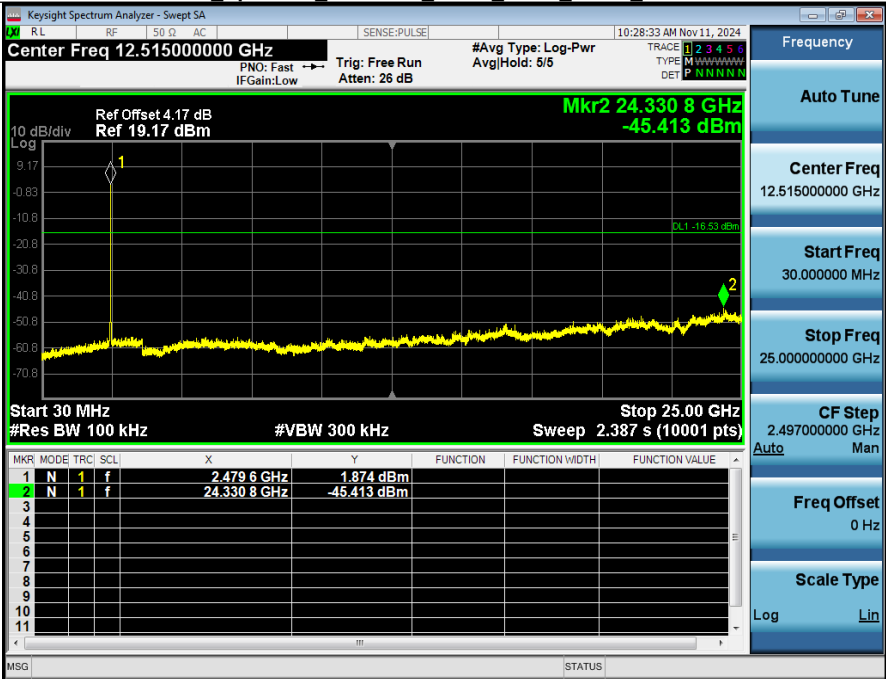
2 Spurious Emission NVNT ANT1 GFSK 2440



1_Reference_Level_NVNT_ANT1_GFSK_2480



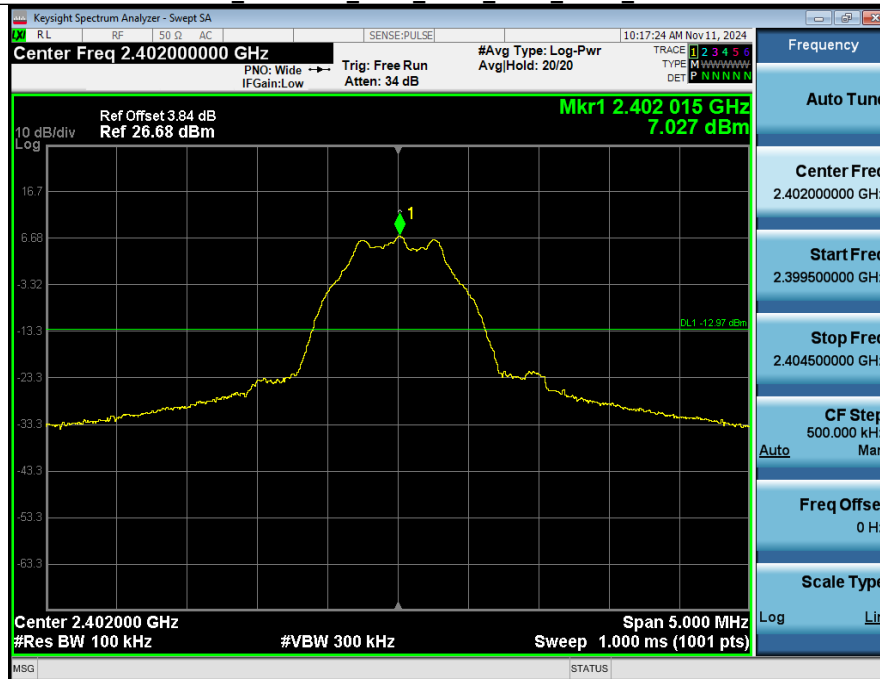
2_Spurious_Emission_NVNT_ANT1_GFSK_2480



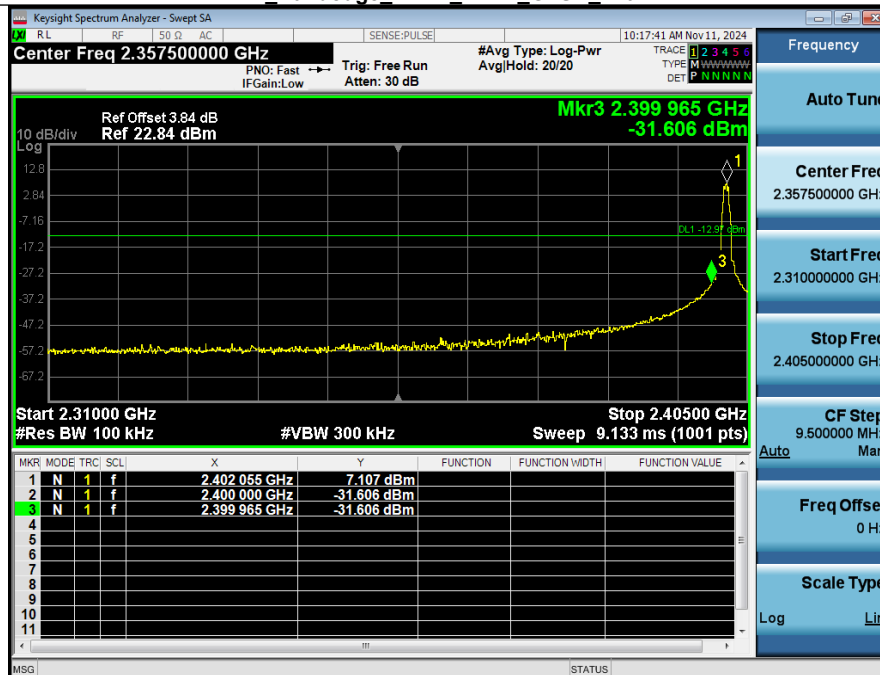
Band edge:

Condition	Antenna	Mode	TX_Frequency (MHz)	Max. Mark Frequency (MHz)	Spurious level(dBm)	limit(dBm)	Result
NVNT	ANT1	GFSK	2402.00	2399.965	-31.606	-12.973	Pass
NVNT	ANT1	GFSK	2480.00	2483.775	-40.086	-16.530	Pass

1 Reference Level NVNT_ANT1_GFSK_2402



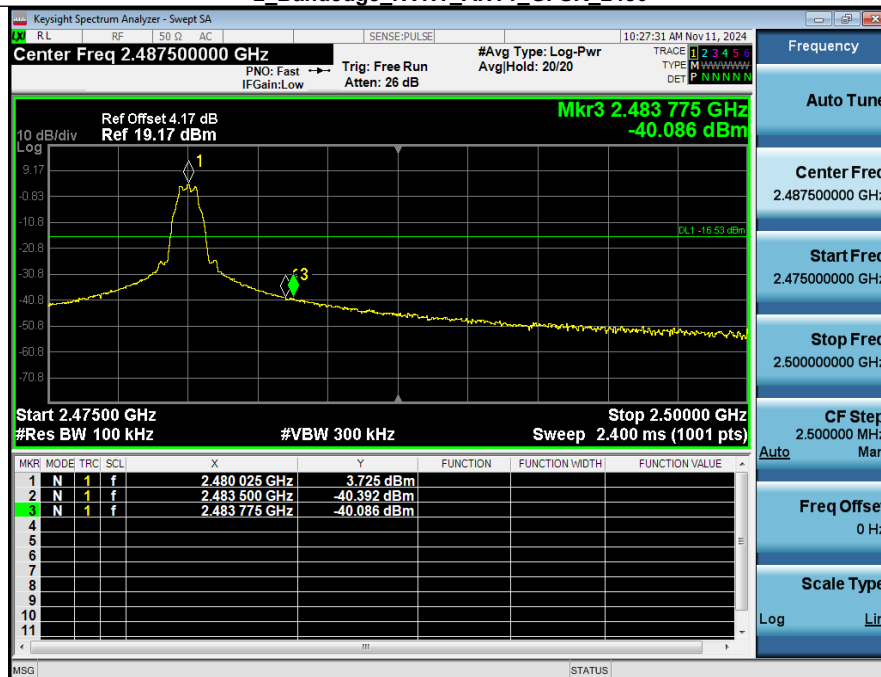
2 Bandedge NVNT_ANT1_GFSK_2402



1_Reference_Level_NVNT_ANT1_GFSK_2480



2_Bandedge_NVNT_ANT1_GFSK_2480



Appendix B.6: Test Results of Radiated Spurious Emissions

Note 1: Testing was carried out within frequency range 9kHz to the tenth harmonics. The measurement results below 30MHz and 18GHz - 26.5GHz were greater than 20dB below the limit, so only the radiated spurious emissions from 30MHz to 18GHz were reported.

Note 2: The highest emissions are the fundamental waves.

Note 3: All modes and ports tested, only the worst-case reported.

30MHz - 1GHz

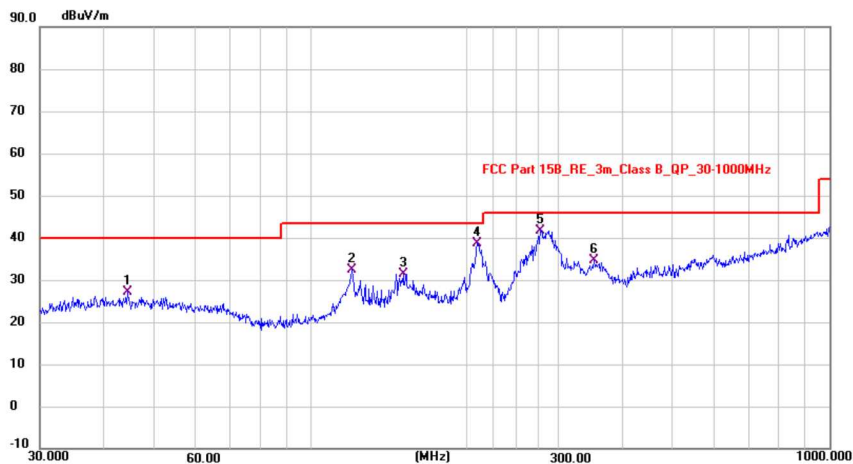


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 26 °C
EUT: See note Distance: 3m Humidity: 54 %RH
M/N: See note Test Engineer: Felix Pang
Test Mode: 2402MHz
Test Voltage: DC 24V
Note: Optical 3D Measuring and Dynamic Tracking System
FreeScan Trak ProW(FreeTrakW)

Radiated Emission Measurement

Test Date: 2024/11/28 08:02:00



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	44.3333	12.71	14.38	27.09	40.00	-12.91	QP	200	120	P	
2	120.2240	19.88	12.56	32.44	43.50	-11.06	QP	200	157	P	
3	150.8020	17.23	14.15	31.38	43.50	-12.12	QP	200	48	P	
4	209.7720	27.23	11.51	38.74	43.50	-4.76	QP	200	201	P	
5 *	277.4581	27.22	14.43	41.65	46.00	-4.35	QP	200	35	P	
6	352.6340	18.18	16.39	34.57	46.00	-11.43	QP	200	167	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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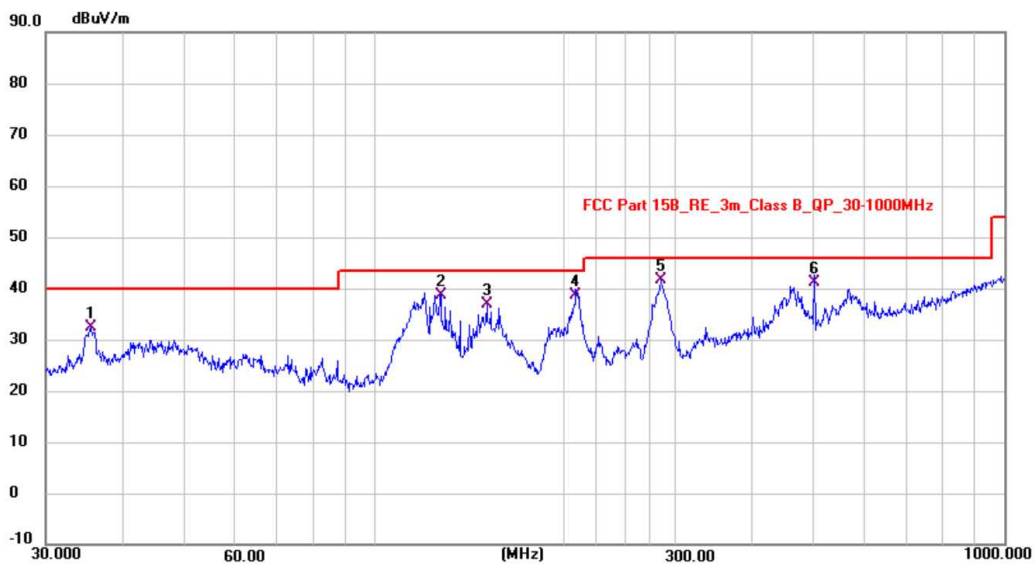
Test Site: PSI EMC Lab-3m Chamber
EUT: See note
M/N: See note
Test Mode: 2402MHz
Test Voltage: DC 24V
Note: Optical 3D Measuring and Dynamic Tracking System
FreeScan Trak ProW(FreeTrakW)

Polarization: **Vertical**
Distance: 3m
Test Engineer: Felix Pang

Temperature: 26 °C
Humidity: 54 %RH

Radiated Emission Measurement

Test Date: 2024/11/28 08:07:04



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	35.4060	18.55	13.90	32.45	40.00	-7.55	QP	100	124	P	
2	127.2733	25.61	13.04	38.65	43.50	-4.85	QP	100	157	P	
3	150.8020	22.65	14.15	36.80	43.50	-6.70	QP	100	204	P	
4	208.8547	27.03	11.48	38.51	43.50	-4.99	QP	100	136	P	
5 *	285.3516	26.91	14.64	41.55	46.00	-4.45	QP	100	287	P	
6	500.0817	21.09	20.16	41.25	46.00	-4.75	QP	100	98	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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Test Site: PSI EMC Lab-3m Chamber	Polarization: Vertical	Temperature: 26 °C
EUT: See note	Distance: 3m	Humidity: 54 %RH
M/N: See note	Test Engineer: Felix Pang	
Test Mode: 2440MHz		
Test Voltage: DC 24V		
Note: Optical 3D Measuring and Dynamic Tracking System		
FreeScan Trak ProW(FreeTrakW)		

Radiated Emission Measurement

Test Date: 2024/11/28 08:12:56



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	120.1711	26.51	12.56	39.07	43.50	-4.43	QP	100	120	P	
2	153.2002	22.50	14.19	36.69	43.50	-6.81	QP	100	245	P	
3	209.1295	26.66	11.49	38.15	43.50	-5.35	QP	100	168	P	
4	283.6060	26.04	14.61	40.65	46.00	-5.35	QP	100	174	P	
5 *	462.7510	22.60	19.26	41.86	46.00	-4.14	QP	100	98	P	
6	500.0817	21.50	20.16	41.66	46.00	-4.34	QP	100	204	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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Test Site: PSI EMC Lab-3m Chamber	Polarization: Horizontal	Temperature: 26 °C
EUT: See note	Distance: 3m	Humidity: 54 %RH
M/N: See note	Test Engineer: Felix Pang	
Test Mode: 2440MHz		
Test Voltage: DC 24V		
Note: Optical 3D Measuring and Dynamic Tracking System		
FreeScan Trak ProW(FreeTrakW)		

Radiated Emission Measurement

Test Date: 2024/11/28 08:16:07



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	150.8020	16.30	14.15	30.45	43.50	-13.05	QP	200	136	P	
2	209.4963	26.48	11.50	37.98	43.50	-5.52	QP	200	247	P	
3 *	285.8523	26.32	14.65	40.97	46.00	-5.03	QP	200	159	P	
4	323.1786	19.61	15.56	35.17	46.00	-10.83	QP	200	78	P	
5	354.0280	18.44	16.43	34.87	46.00	-11.13	QP	200	210	P	
6	460.1216	15.82	19.19	35.01	46.00	-10.99	QP	200	134	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
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Test Site: PSI EMC Lab-3m Chamber	Polarization: Horizontal	Temperature: 26 °C
EUT: See note	Distance: 3m	Humidity: 54 %RH
M/N: See note	Test Engineer: Felix Pang	
Test Mode: 2480MHz		
Test Voltage: DC 24V		
Note: Optical 3D Measuring and Dynamic Tracking System		
FreeScan Trak ProW(FreeTrakW)		

Radiated Emission Measurement

Test Date: 2024/11/28 08:22:30



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	131.9309	15.14	13.36	28.50	43.50	-15.00	QP	200	165	P	
2	148.4410	17.23	14.09	31.32	43.50	-12.18	QP	200	214	P	
3 *	210.8783	26.90	11.56	38.46	43.50	-5.04	QP	200	103	P	
4	281.9945	26.29	14.58	40.87	46.00	-5.13	QP	200	148	P	
5	351.2456	18.63	16.35	34.98	46.00	-11.02	QP	200	168	P	
6	585.0457	13.66	22.48	36.14	46.00	-9.86	QP	200	106	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



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Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 26 °C
EUT: See note Distance: 3m Humidity: 54 %RH
M/N: See note Test Engineer: Felix Pang
Test Mode: 2480MHz
Test Voltage: DC 24V
Note: Optical 3D Measuring and Dynamic Tracking System
FreeScan Trak ProW(FreeTrakW)

Radiated Emission Measurement

Test Date: 2024/11/28 08:26:40



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	120.2240	25.25	12.56	37.81	43.50	-5.69	QP	100	121	P	
2	148.5061	21.77	14.09	35.86	43.50	-7.64	QP	100	247	P	
3 *	210.5090	27.10	11.55	38.65	43.50	-4.85	QP	100	168	P	
4	287.1080	25.85	14.68	40.53	46.00	-5.47	QP	100	201	P	
5	460.7271	21.14	19.20	40.34	46.00	-5.66	QP	100	47	P	
6	500.0817	20.73	20.16	40.89	46.00	-5.11	QP	100	168	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

Above 1GHz

Note: The highest waveform in the figure is 2.4GHz SRD Fundamental.

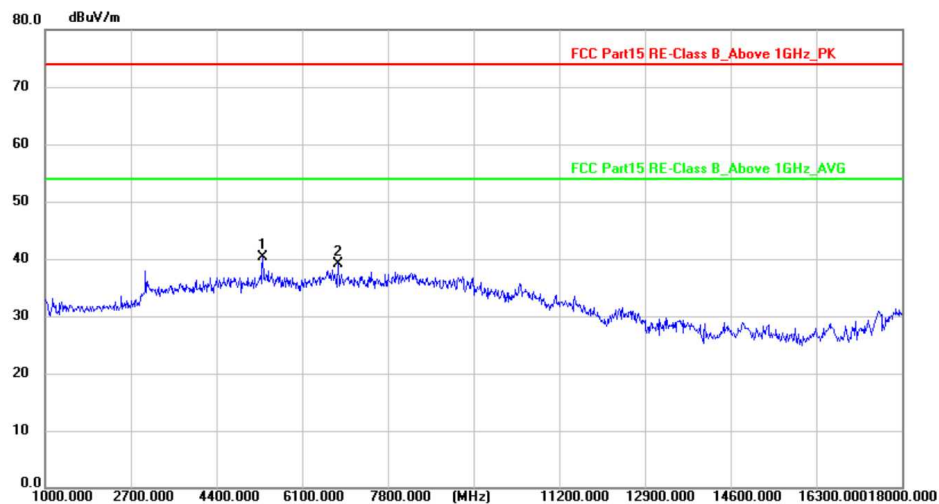


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Test Site: PSI EMC Lab-3m Chamber	Polarization: Horizontal	Temperature: 26 °C
EUT: See note	Distance: 3m	Humidity: 54 %RH
M/N: See note	Test Engineer: Felix Pang	
Test Mode: 2402MHz		
Test Voltage: DC 24V		
Note: Optical 3D Measuring and Dynamic Tracking System		
FreeScan Trak ProW(FreeScan TE25 W)		

Radiated Emission Measurement

Test Date: 2024/11/28 09:35:50



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	5324.375	52.21	-12.00	40.21	74.00	-33.79	peak	150	12	P	
2	6828.875	47.72	-8.53	39.19	74.00	-34.81	peak	150	265	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

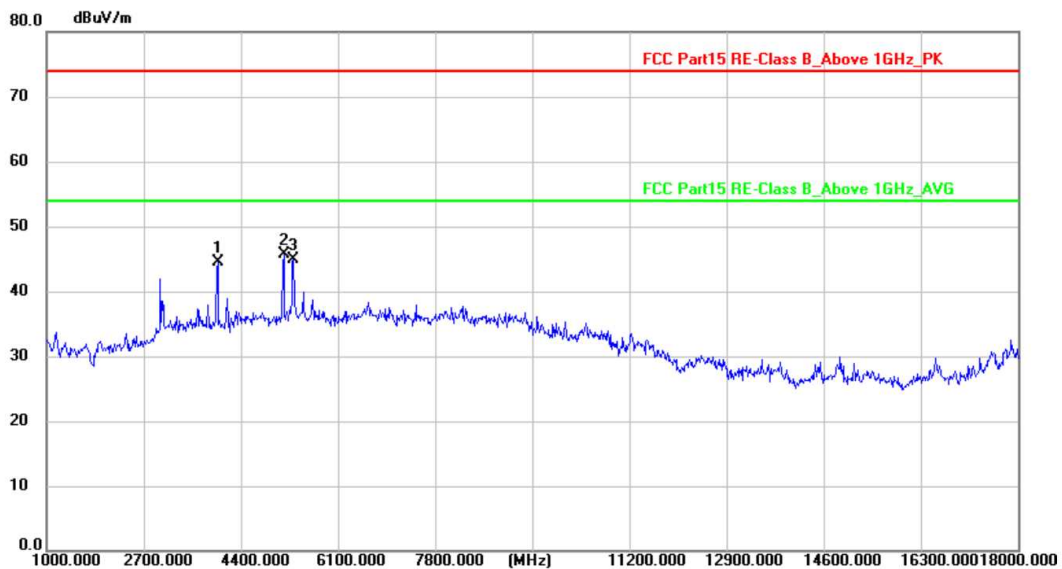


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Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber	Polarization: Vertical	Temperature: 26 °C
EUT: See note	Distance: 3m	Humidity: 54 %RH
M/N: See note	Test Engineer: Felix Pang	
Test Mode: 2402MHz		
Test Voltage: DC 24V		
Note: Optical 3D Measuring and Dynamic Tracking System		
FreeScan Trak ProW(FreeScan TE25 W)		

Radiated Emission Measurement

Test Date: 2024/11/28 09:39:18



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	3994.125	60.57	-16.11	44.46	74.00	-29.54	peak	150	126	P	
2 *	5156.500	58.76	-13.14	45.62	74.00	-28.38	peak	150	254	P	
3	5320.125	57.66	-12.69	44.97	74.00	-29.03	peak	150	198	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

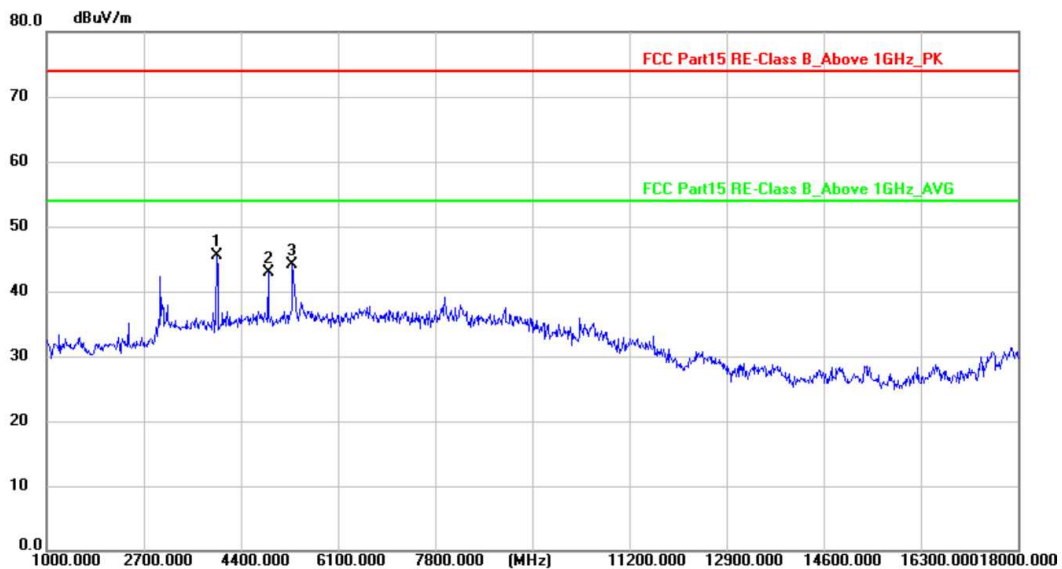


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Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber	Polarization: Vertical	Temperature: 26 °C
EUT: See note	Distance: 3m	Humidity: 54 %RH
M/N: See note	Test Engineer: Felix Pang	
Test Mode: 2440MHz		
Test Voltage: DC 24V		
Note: Optical 3D Measuring and Dynamic Tracking System		
FreeScan Trak ProW(FreeScan TE25 W)		

Radiated Emission Measurement

Test Date: 2024/11/28 09:42:35



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	3985.625	61.68	-16.14	45.54	74.00	-28.46	peak	150	124	P	
2	4880.250	56.85	-13.86	42.99	74.00	-31.01	peak	150	58	P	
3	5313.750	56.78	-12.72	44.06	74.00	-29.94	peak	150	169	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

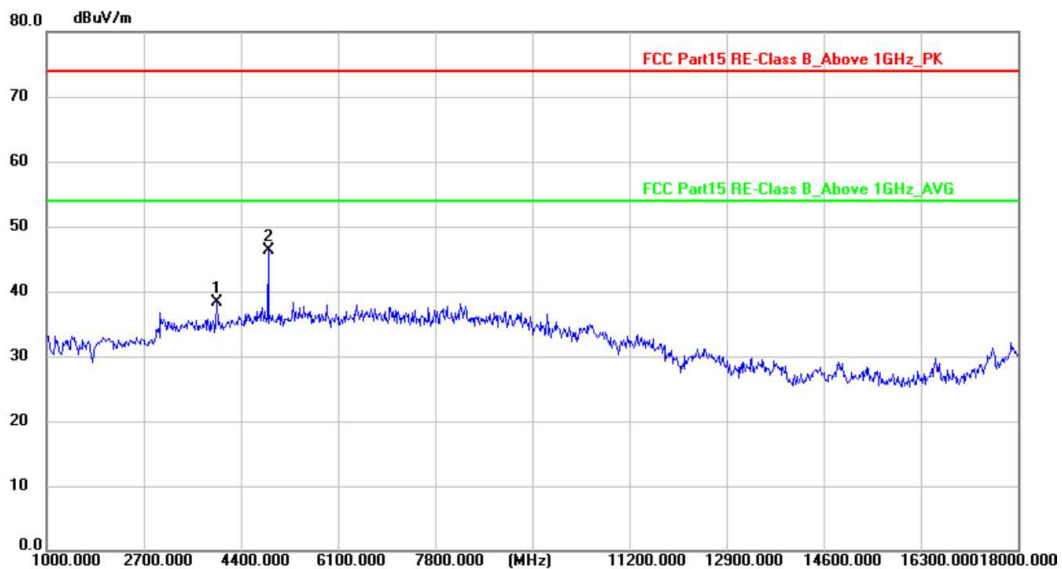


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1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber	Polarization: Horizontal	Temperature: 26 °C
EUT: See note	Distance: 3m	Humidity: 54 %RH
M/N: See note	Test Engineer: Felix Pang	
Test Mode: 2440MHz		
Test Voltage: DC 24V		
Note: Optical 3D Measuring and Dynamic Tracking System		
FreeScan Trak ProW(FreeScan TE25 W)		

Radiated Emission Measurement

Test Date: 2024/11/28 09:47:19



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	3989.875	54.42	-16.12	38.30	74.00	-35.70	peak	150	198	P	
2 *	4878.125	59.23	-13.00	46.23	74.00	-27.77	peak	150	204	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

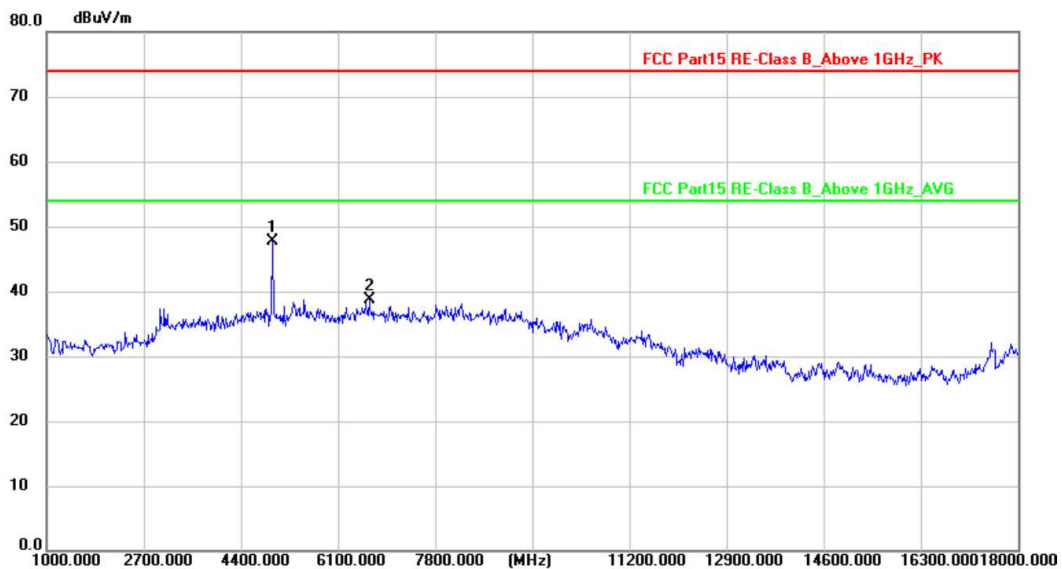


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Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber	Polarization: Horizontal	Temperature: 26 °C
EUT: See note	Distance: 3m	Humidity: 54 %RH
M/N: See note	Test Engineer: Felix Pang	
Test Mode: 2480MHz		
Test Voltage: DC 24V		
Note: Optical 3D Measuring and Dynamic Tracking System		
FreeScan Trak ProW(FreeScan TE25 W)		

Radiated Emission Measurement

Test Date: 2024/11/28 09:52:24



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	4958.875	60.52	-12.72	47.80	74.00	-26.20	peak	150	125	P	
2	6656.750	47.75	-9.01	38.74	74.00	-35.26	peak	150	247	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

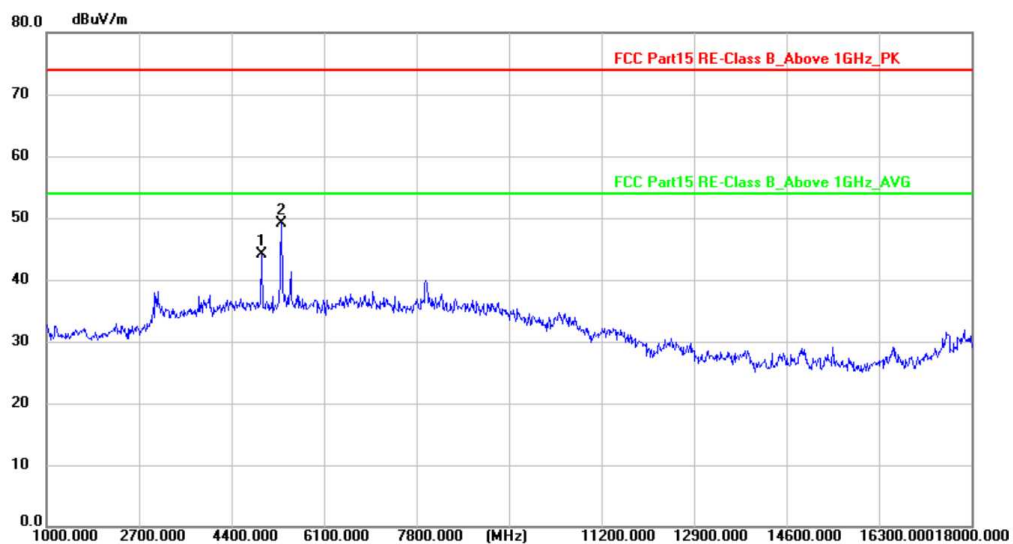


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Vertical** Temperature: 26 °C
EUT: See note Distance: 3m Humidity: 54 %RH
M/N: See note Test Engineer: Felix Pang
Test Mode: 2480MHz
Test Voltage: DC 24V
Note: Optical 3D Measuring and Dynamic Tracking System
FreeScan Trak ProW(FreeScan TE25 W)

Radiated Emission Measurement

Test Date: 2024/11/28 09:57:33



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	4958.875	57.85	-13.68	44.17	74.00	-29.83	peak	150	169	P	
2 *	5318.000	61.83	-12.69	49.14	74.00	-24.86	peak	150	225	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

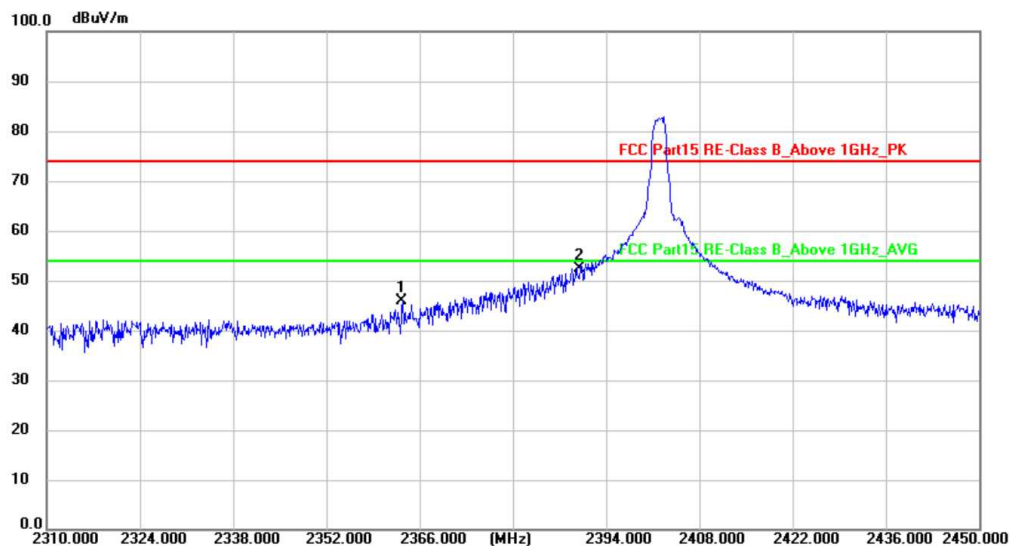


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber	Polarization: Vertical	Temperature: 26 °C
EUT: See note	Distance: 3m	Humidity: 54 %RH
M/N: See note	Test Engineer: Felix Pang	
Test Mode: 2402MHz		
Test Voltage: DC 24V		
Note: Optical 3D Measuring and Dynamic Tracking System		
FreeScan Trak ProW(FreeScan TE25 W)		

Radiated Emission Measurement

Test Date: 2024/11/28 11:09:44



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	2363.515	71.96	-26.20	45.76	74.00	-28.24	peak	150	124	P	
2 *	2390.000	78.54	-26.12	52.42	74.00	-21.58	peak	150	201	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

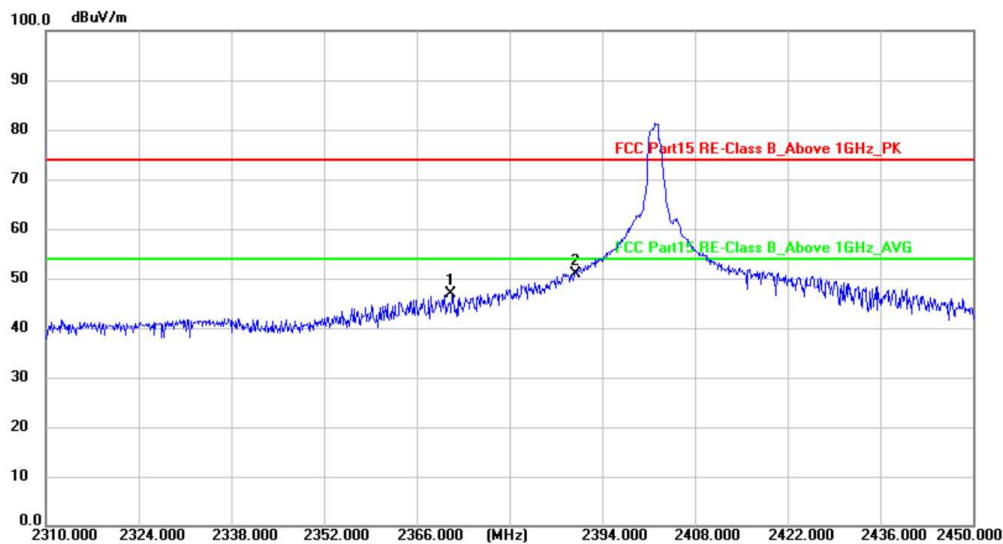


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Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 26 °C
EUT: See note Distance: 3m Humidity: 54 %RH
M/N: See note Test Engineer: Felix Pang
Test Mode: 2402MHz
Test Voltage: DC 24V
Note: Optical 3D Measuring and Dynamic Tracking System
FreeScan Trak ProW(FreeScan TE25 W)

Radiated Emission Measurement

Test Date: 2024/11/28 11:21:08



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1	2371.407	72.96	-26.17	46.79	74.00	-27.21	peak	150	132	P	
2 *	2390.000	77.04	-26.12	50.92	74.00	-23.08	peak	150	201	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

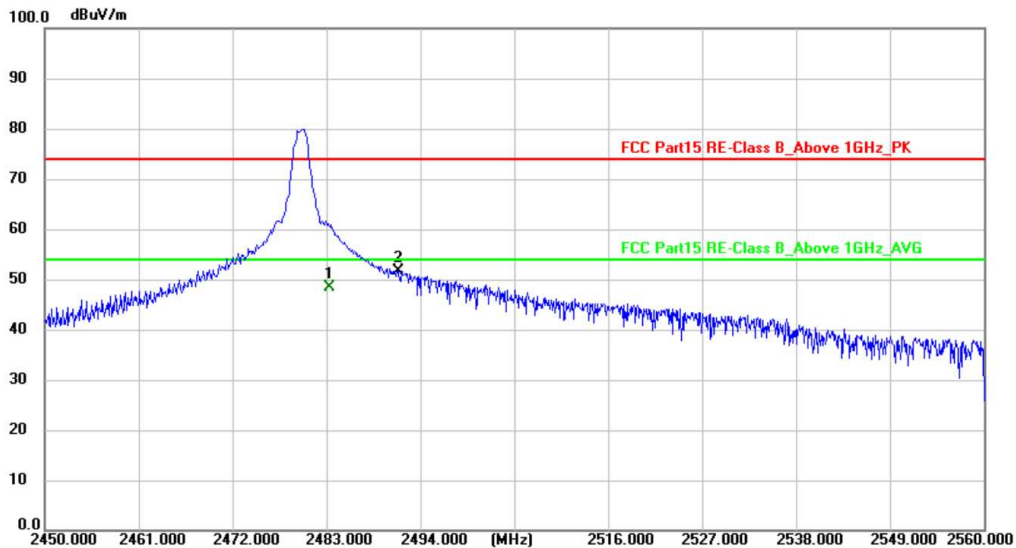


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Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber Polarization: **Horizontal** Temperature: 26 °C
EUT: See note Distance: 3m Humidity: 54 %RH
M/N: See note Test Engineer: Felix Pang
Test Mode: 2480MHz
Test Voltage: DC 24V
Note: Optical 3D Measuring and Dynamic Tracking System
FreeScan Trak ProW(FreeScan TE25 W)

Radiated Emission Measurement

Test Date: 2024/11/28 11:25:27



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	2483.500	74.10	-25.84	48.26	54.00	-5.74	AVG	150	65	P	
2	2491.429	77.56	-25.81	51.75	74.00	-22.25	peak	150	157	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit



Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-3m Chamber

Polarization: **Vertical**

Temperature: 26 °C

EUT: See note

Distance: 3m

Humidity: 54 %RH

M/N: See note

Test Engineer: Felix Pang

Test Mode: 2480MHz

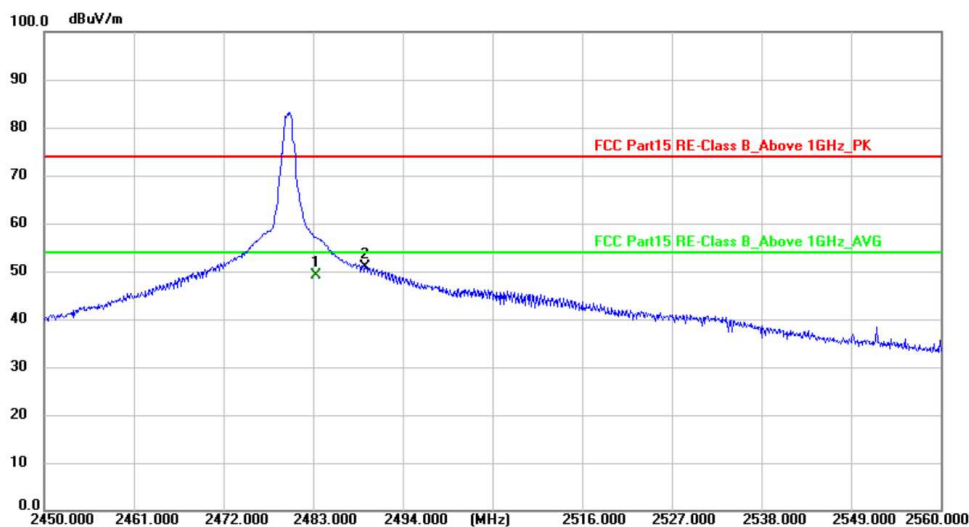
Test Voltage: DC 24V

Note: Optical 3D Measuring and Dynamic Tracking System

FreeScan Trak ProW(FreeScan TE25 W)

Radiated Emission Measurement

Test Date: 2024/11/28 11:32:57



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg.)	P/F	Remark
1 *	2483.500	74.86	-25.84	49.02	54.00	-4.98	AVG	150	168	P	
2	2489.531	76.80	-25.81	50.99	74.00	-23.01	peak	150	247	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

Appendix B.7: Test Results of Conducted emissions of AC mains

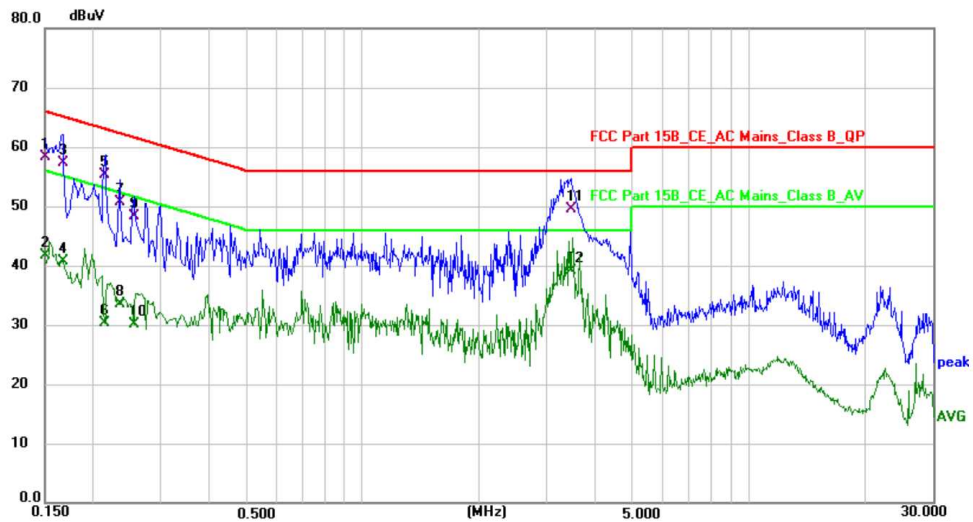


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Test Site: PSI EMC Lab-Shielded Room Phase: **N** Temperature: 26 °C
EUT: See note Humidity: 54 %RH
M/N: See note Test Engineer: Felix Pang
Test Mode: 2.4G SRD Link
Test Voltage: AC 120V/60Hz
Note: Optical 3D Measuring and Dynamic Tracking System
FreeScan Trak ProW(FreeScan TE25 W)

Conducted Emission Measurement

Test Date: 2024/9/25 14:47:18



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1500	48.38	9.94	58.32	66.00	-7.68	QP	P	
2	0.1500	31.76	9.94	41.70	56.00	-14.30	AVG	P	
3	0.1660	47.30	9.94	57.24	65.16	-7.92	QP	P	
4	0.1660	30.74	9.94	40.68	55.16	-14.48	AVG	P	
5	0.2140	45.39	9.96	55.35	63.05	-7.70	QP	P	
6	0.2140	20.41	9.96	30.37	53.05	-22.68	AVG	P	
7	0.2340	40.71	9.96	50.67	62.31	-11.64	QP	P	
8	0.2340	23.46	9.96	33.42	52.31	-18.89	AVG	P	
9	0.2540	38.35	9.97	48.32	61.63	-13.31	QP	P	
10	0.2540	20.12	9.97	30.09	51.63	-21.54	AVG	P	
11 *	3.4700	40.15	9.39	49.54	56.00	-6.46	QP	P	
12	3.4700	29.66	9.39	39.05	46.00	-6.95	AVG	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit

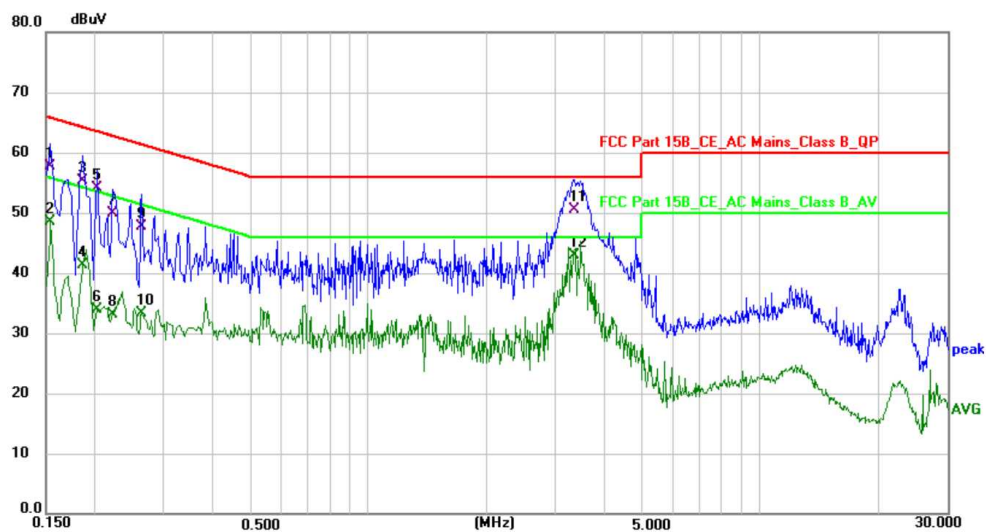


Shenzhen PSI Testing Co., Ltd.
1-2F, Building 5, Yudafu Industrial Park, No. 10, Xingye West Road,
Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518104

Test Site: PSI EMC Lab-Shielded Room Phase: **L1** Temperature: 26 °C
EUT: See note Humidity: 54 %RH
M/N: See note Test Engineer: Felix Pang
Test Mode: 2.4G SRD Link
Test Voltage: AC 120V/60Hz
Note: Optical 3D Measuring and Dynamic Tracking System
FreeScan Trak ProW(FreeScan TE25 W)

Conducted Emission Measurement

Test Date: 2024/9/25 14:56:29



No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1539	47.68	9.94	57.62	65.79	-8.17	QP	P	
2	0.1539	38.66	9.94	48.60	55.79	-7.19	AVG	P	
3	0.1860	45.41	9.95	55.36	64.21	-8.85	QP	P	
4	0.1860	31.39	9.95	41.34	54.21	-12.87	AVG	P	
5	0.2020	44.20	9.95	54.15	63.53	-9.38	QP	P	
6	0.2020	23.94	9.95	33.89	53.53	-19.64	AVG	P	
7	0.2220	39.86	9.96	49.82	62.74	-12.92	QP	P	
8	0.2220	23.19	9.96	33.15	52.74	-19.59	AVG	P	
9	0.2620	37.71	9.97	47.68	61.37	-13.69	QP	P	
10	0.2620	23.30	9.97	33.27	51.37	-18.10	AVG	P	
11	3.3500	41.05	9.39	50.44	56.00	-5.56	QP	P	
12 *	3.3500	33.56	9.39	42.95	46.00	-3.05	AVG	P	

Note: *:Maximum data x:Over limit !:over margin Level = Reading + Factor Margin = Level - Limit